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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/835,617	
	Filing Date	Apr 10, 2001	
	First Named Inventor	Furlan, John L. W.	
	Group Art Unit	2182	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	16+ Art	Attorney Docket Number	P014

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Furlan et al.

Serial No.: 09/835,617

Filed: 4/10/2001

Title: Transmission of Panoramic Video via
Existing Video Infrastructure

Group Art Unit:
2182

Examiner:
Unknown

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Attorney Docket No.: P014

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
- ☐ Statement under 37 CFR 1.97(e), or
 - ☐ a \$180.00 fee under 37 CFR 1.17(p), or
- (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
- ☐ Statement under 37 CFR 1.97(e), and
 - ☐ a petition under 37 CFR 1.97(d)(2)(ii), and
 - ☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i).
- (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.



Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

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Daniel B. Curtis

Daniel B. Curtis

Attorney/Agent for Applicant(s)

Reg. No. 39159

Date: July 25, 2001

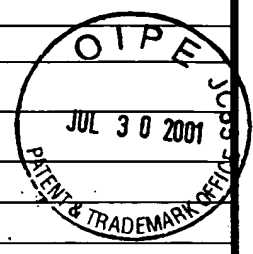
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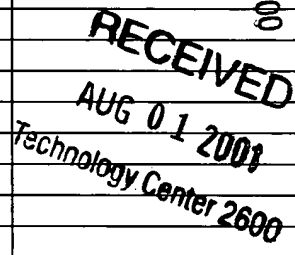
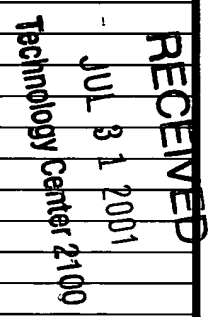
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Application Number		09/835,617			
Filing Date		4/10/2001			
First Named Inventor		Furlan et al.			
Group Art Unit		2182			
Examiner Name					
Attorney Docket Number		P014			
Sheet	1	of	13		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	2,146,662		L.E.W. Van Albada	02/07/1939	
	2	2,244,235		W.A. Ayres	06/03/1941	
	3	2,304,434		W.A. Ayres	12/08/1942	
	4	2,628,529		L.E. Braymer	02/17/1953	
	5	2,654,286		J.M. Cesar	10/06/1953	
	6	3,203,328		H.P. Brueggeman	08/31/1965	
	7	3,205,777		A. Benner	09/14/1965	
	8	3,229,576		D.W. Rees	01/18/1966	
	9	3,692,934		Herndon	09/19/1972	
	10	3,723,805		Scarpino et al.	03/27/1973	
	11	3,785,715		Mecklenborg	01/15/1974	
	12	3,832,046		Mecklenborg	08/27/1974	
	13	3,846,809		Pinzone et al.	11/05/1974	
	14	3,934,259		Krider	01/20/1976	
	15	3,998,532		Dykes	12/21/1976	
	16	4,012,126		Rosendahl et al.	03/15/1977	
	17	4,017,145		Jerie	04/12/1977	
	18	4,038,670		Seitz	07/26/1977	
	19	4,058,831		Smith	11/15/1977	
	20	4,078,860		Globus et al.	03/14/1978	



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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	21		1,234,341		France	05/16/1960		✓
	22	GB	2,289,820		United Kingdom	11/29/1995		
	23	HEI	2-127877		Japan	11/08/1988		✓
	24	GB	2 221 118		United Kingdom	1/24/1990		

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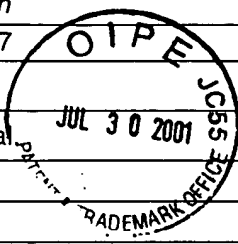
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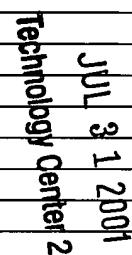
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/835,617
				Filing Date	4/10/2001
				First Named Inventor	Furlan et al.
				Group Art Unit	2182
				Examiner Name	
Sheet	2	of	13	Attorney Docket Number	P014



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		Number	Kind Code ² (if known)			
	25	4,157,218		Gordon et al.	06/05/1979	
	26	4,190,866		Lukner	02/26/1980	
	27	4,241,985		Globus et al.	12/30/1980	
	28	4,326,775		King	04/27/1982	
	29	4,395,093		Rosendahl et al.	07/26/1983	
	30	4,429,957		King	02/07/1984	
	31	4,463,380		Hooks, Jr.	07/31/1984	
	32	4,518,898		Tarnowski et al	05/21/1985	
	33	4,549,208		Kamejima et al.	10/22/1985	
	34	4,561,733		Kreischer	12/31/1985	
	35	4,566,763		Greguss	01/28/1986	
	36	4,578,682		Hooper et al.	03/25/1986	
	37	4,593,982		Rosset	06/10/1986	
	38	4,602,857		Woltz et al.	07/29/1986	
	39	4,656,506		Ritchey	04/07/1987	
	40	4,661,855		Gulck	04/28/1987	
	41	4,670,648		Hall et al.	06/02/1987	
	42	4,728,839		Coughlan et al.	03/01/1998	
	43	4,736,436		Yasukawa et al.	04/05/1988	
	44	4,742,390		Francke et al.	05/03/1988	



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		Office ³	Number ⁴	Kind Code ⁵ (# known)				

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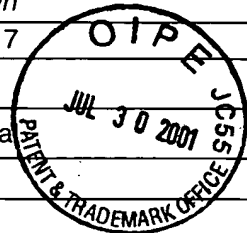
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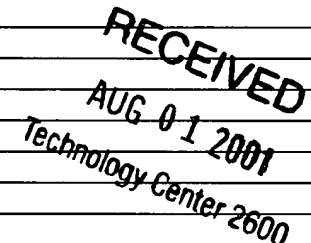
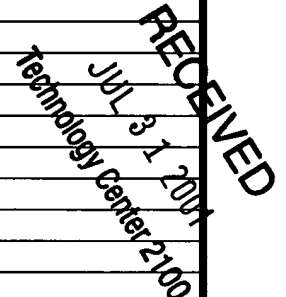
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Sheet		3	of	13	Application Number 09/835,617 Filing Date 4/10/2001 First Named Inventor Furlan et al. Group Art Unit 2182 Examiner Name Attorney Docket Number P014



U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
	45	4,751,660		Hedley	06/14/1988	
	46	4,754,269		Kishi et al.	06/28/1988	
	47	4,761,641		Schreiber	08/02/1988	
	48	4,772,942		Tuck	09/20/1988	
	49	4,797,942		Burt et al.	01/10/1989	
	50	4,807,158		Blanton et al.	02/21/1989	
	51	4,835,532		Fant	05/30/1989	
	52	4,858,002		Zobel	08/15/1989	
	53	4,858,149		Quarendon	08/15/1989	
	54	4,864,335		Corrales	09/05/1989	
	55	4,868,682		Shimizu et al.	09/19/1989	
	56	4,899,293		Dawson et al.	02/06/1990	
	57	4,901,140		Lang et al.	02/13/1990	
	58	4,907,084		Nagafusa	03/06/1990	
	59	4,908,874		Gabriel	03/13/1990	
	60	4,918,473		Blackshear	04/17/1990	
	61	4,924,094		Moore	05/08/1990	
	62	4,943,821		Gelphman et al.	07/24/1990	
	63	4,943,851		Lang et al.	06/24/1990	
	64	4,945,367		Blackshear	07/31/1990	



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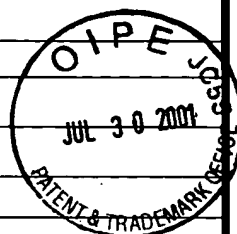
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Sheet	5	of	13		



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		Number	Kind Code ² (if known)			
	84	5,173,948		Blackham et al.	12/22/1992	
	85	5,175,808		Sayre	12/29/1992	
	86	5,185,667		Zimmermann	02/09/1993	
	87	5,187,571		Braun et al.	02/16/1993	
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	89	5,200,818		Neta et al.	04/06/1993	
	90	5,231,673		Elenga	07/27/1993	
	91	5,259,584		Wainwright	11/09/1993	
	92	5,262,852		Eouzan et al.	11/16/1993	
	93	5,262,867		Kojima	11/16/1993	
	94	5,280,540		Addeo et al.	01/18/1994	
	95	5,289,312		Hashimoto et al.	02/22/1994	
	96	5,305,035		Schönherr et al.	04/19/1994	
	97	5,311,572		Freides et al.	05/10/1994	
	98	5,313,306		Kuban et al.	05/17/1994	
	99	5,315,331		Ohshita	05/24/1994	
	100	5,341,218		Kaneko et al.	08/23/1994	
	101	5,359,363		Kuban et al.	10/25/1994	
	102	5,384,588		Martin et al.	01/24/1995	
	103	5,396,583		Chen et al.	03/07/1995	

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	104	5,422,987		Yamada	06/06/1995	
	105	5,432,871		Novik	07/11/1995	
	106	5,444,476		Conway	08/22/1995	
	107	5,446,833		Miller et al.	08/29/1995	
	108	5,452,450		Delory	09/19/1995	
	109	5,473,474		Powell	12/05/1995	
	110	5,479,203		Kawai et al.	12/26/1995	
	111	5,490,239		Myers	02/06/1996	
	112	5,495,576		Ritchey	02/27/1996	
	113	5,508,734		Baker et al.	04/16/1996	
	114	5,530,650		Bifero et al.	06/25/1996	
	115	5,539,483		Nalwa	07/23/1996	
	116	5,550,646		Hassen et al.	08/27/1996	
	117	5,563,650		Poelstra	10/08/1996	
	118	5,601,353		Naimark et al.	02/11/1997	
	119	5,606,365		Maurinus et al.	02/25/1997	
	120	5,610,391		Ringlien	03/11/1997	
	121	5,612,533		Judd et al.	03/18/1997	
	122	5,627,675		Davis et al.	05/06/1997	
	123	5,631,778		Powell	05/20/1997	

[illegible]

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/835,617
				Filing Date	4/10/2001
				First Named Inventor	Furlan et al.
				Group Art Unit	2182
				Examiner Name	
				Attorney Docket Number	P014
Sheet	7	of	13		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	124	5,633,924		Kaish et al.	05/27/1997	
	125	5,649,032		Burt et al.	07/15/1997	
	126	5,682,511		Sposato et al.	10/28/1997	
	127	5,686,957		Baker et al.	11/11/1997	
	128	5,714,997		Anderson et al.	02/03/1998	
	129	5,729,471		Jain et al.	03/17/1998	
	130	5,760,826		Nayer	06/02/1998	
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	132	5,764,276		Martin et al.	06/09/1998	
	133	5,796,426		Gullichsen et al.	08/18/1998	
	134	5,841,589		Davis et al.	11/24/1998	
	135	5,850,352		Moezzi et al.	12/15/1998	
	136	5,854,713		Kuroda et al.	12/29/1998	
	137	5,877,801		Martin et a.	03/02/1999	
	138	5,903,319		Busko et al.	05/11/1999	
	139	5,920,337		Glassman et al.	07/06/1999	
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	142	DES 312,263		Charles	11/20/1990	

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	143	3,872,238		Herndon	09/19/1972	
	144	4,484,801		Cox	11/27/1984	
	145	4,991,020		Zwirn	02/05/1991	
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	149	5,844,520		Guppy et al.	12/01/1998	
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	152	6,002,430		McCall et al.	12/14/1999	
	153	6,043,837		Driscoll, Jr. et al.	03/28/2000	
	154	2,176,554		Hardy	10/17/1939	
	155	5,710,661		Cook	01/20/1998	
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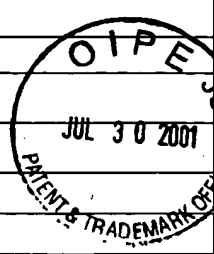
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		Filing Date	4/10/2001
		First Named Inventor	Furlan et al.
		Group Art Unit	2182
		Examiner Name	
Sheet 9 of 13	Attorney Docket Number P014		

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	157	HECKBERT, P., "Survey of Texture Mapping" IEEE CG&A, Nov. 1986, pages 56-67.	
	158	RIPLEY, G. DAVID, "DVI-A Digital Multimedia Technology". Communication of the ACM. July 1989. Vol.32. No.07. Pages: 811-820.	
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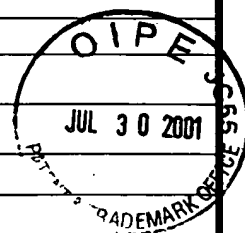
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	163	GREENE, N., "Environment Mapping and Other Applications of the World Projections." Computer Graphics and Applications. November 1986. IEEE Computer Society. Vol.06. No.11. Pages: 21-29.	RECEIVED JUL 31 2001 Technology Center 2189
	164	HECKBERT, P., "The PMAT and Poly User's Manual". Computer Graphics Lab. N.Y.I.T., February 18, 1983. Pages: 1-29.	
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	166	REBIAT, M., MANSOURI, S., PINSON, F., and TICHIT, B., "Image Distortion From Zoom Lenses: Modeling and Digital Correction". International Broadcasting Convention. IEEE. Dated: July 1992.	
	167	CHARLES, JEFFERY R., "All-Sky Reflector with "Invisible" Camera Support". Images from 1988 RTMC Proceedings. Pages: 79-80.	
	168	ROGER W. SINNOTT, "Scientific Library Gleaning for ATMs". Sky & Telescope. August 1986. Pages: 186.	
	169	CHARLES et al., "How to Build and Use an All-Sky Camera." Astronomy. April 1987. Pages: 64-70	
	170	DEUTSCH, CLUDIA H., "One Camera That Offers Many Views". The New York Times v146, February 3, 1997, pages 02.	RECEIVED AUG 01 2001 Technology Center 2600
	171	JOHNSON, COLIN R., "Imaging System Sees All". Electronic Engineering Times. December 23, 1996. Pages: 03.	
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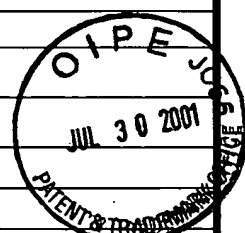
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/835,617
				Filing Date	4/10/2001
				First Named Inventor	Furlan et al.
				Group Art Unit	2182
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Sheet	11	of	13	Attorney Docket Number	P014



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	173	CASTLEMAN, K., "Digital Image Processing". Prentice Hall. 1979. Pages: 110-135, 383-400, 408.	
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	181	FU, K.S. et al., "Low-Level Vision". Robotics: Control, Sensing, Vision, and Intelligence. 1987. McGraw Hill Inc., Pages: 313-315.	
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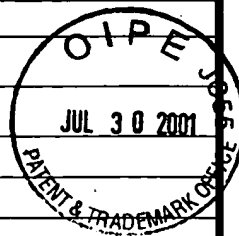
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	184	LAIKIN, MILTON. "Wide Angle Lens System". 1980. International Design Conference (OSA). SPIE. Volume 237. 1980. Pages: 530-532, 815-816.	
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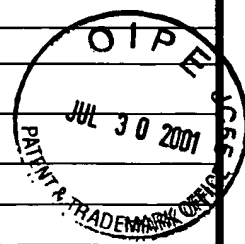
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	193	Defendant's IPI's Composite Exhibit List, Civil Action of Interactive Pictures Corporation, F/K/A Omniview, Inc. v. Infinite Pictures, Inc. and Bill Tillman. Case No. 3-96-849. Filed: January 05, 1998 in U.S.D.C., Eastern District Of Tennessee. Pages: 20.	
	194	VERITY, JOHN W. (edited by): Information Processing. Business Week. Page: 134E. Dated: July 13, 1999.	
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